OIBSHMAN, Ye.To., prefessor; SLOBODCHIKOV, A.Ya., kandidat tekhnicheskikh HARR: PUSHMORSKIY, Ye.I., redakter; OTOCHEVA, M.A., redakter; PHYROYSKAYA, Ye., tekhnicheskiy redakter.

[Planning city bridges] Planirovka mestev v gorodakh. Moskva, Isd-ve Ministerstva kemmusal'mege khesiaistva RSFSR, 1955. 111p. (Bridges--Design) (MIRA 8:6)

. Princhage Veile.

ANDRETEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P., BARMASH, A.I., BEDNYAKOVA, A.B.; BENIN, G.S.; BERESNEVICH, V.V.; FERNSHTEYN, S.A.; BITYUTSKOV, V.I.; BLYUHENBERG, V.V.; BONCH-BRUYWVICH, M.D.; BORMOTOV, A.D.; BULGAKOV, H.I.: VEKSLER, B.A.: GAVRILENKO, I.V.: GENDLER, Ye.S.. [deceased]; ORRLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.; GOLDOVSKIY YO.M.: GORBUNOV, P.P.: GORYA WOY, F.A.: GRIMBERG, B.G.: GRYUNER, V.S.; DAHOVSKIY, N.F.; DZEVUL'SKIY, V.M., [deceased]; DECRIMATIO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, M.S.. [deceased]; YEGORCHENKO, B.F. [deceased]; YEL'YASHKEVICH, S.A.; ZHEREBOV, L.P.; ZAVEL'SKIY, A.S.: ZAVEL'SKIY, F.S.; IVANOVSKIY, S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.: KASATKIN, F.S.: KATSAUROV, I.N.: KITAYGORODSKIY, I.I.; KOLESNIKOV, I.P.: KOLOSOV. V.A.: KOMAROV, N.S.: KOTOV. B.I.: LINDE, V.V.; LEDEDEV. H.V.: LEVITSKIY, N.I.: LOKSHIN, Ya.Yu: LUTTSAU, V.K.; MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAY'YEV, I.M.; HYDRL'HAN, G.R.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.; POPOY, V.V.: POPOY, N.I.: RAKHLIN, I.Ye., RZHKYSKIY, V.V.; ROZENBERG, G.V.: ROZERTRETER, B.A.: BOKOTYAN, Yo.S.: RUKAVISHNIKOV, V.1.: EUTOVSKIY, B. N. [deceased]; RYVKIN, P.M.; SMIRNOV A.P.; STEPAHOV, G.Yu, STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.; FEDOROV. A.V.: FERE, N.E.: FRENKEL', N.Z.: KHEY! STS, S.Ya.: KHLOPIN, M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, M.I.; SHISHKINA, N.N.; SHOR, E.R.; SHPICHEMETSKIY, Ye.S.; SHPRINK, B.E.; SHTERLING, S.Z.; SHUTYY, L.R.; SHUKHGAL'TER, L. Ta.; KRVAYS, A.V.; (Continued on next card)

ANDREYHY, A.B. (continued) Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsensent, redaktor; BERKEN-GRYM, B.M., retsensent, redaktor; BERBIAN, L.D., retsensent, redaktor; BOLTINSKIY, V.N., retsensent, redaktor; BONCH-BRUYEVICH, V.L., retsensent, redaktor; VELLER, M.A., retsensent, redaktor; VINOGRADOV, A.V., retsensent, redaktor; GUDTSOV, N.T., retsensent, redaktor; DEGTYARRY, I.L., retsensent, redaktor; DEM'YANYUK, F.S., retsensent; redaktor; DOBROSHYSIOV, I.N., retsensent, redaktor; YKLANCHIK, G.M. retsensent, redaktor; ZHEMOCHKIN, D.N., retsenzent, redaktor: SHURAVCHERKO, A. N., retsensent, redaktor; ZLODEYKV, G.A., retsensent, redaktor; KAPLUNOV, R.P., retsensent, redaktor; KUSAKOV, M.M., retsensent, redaktor; LEVINSON, L.Ye., [deceased] retsensent, redaktor; MALOV, N.N., retsenzent, redaktor; MARKUS, V.A. retsenzent, redaktor; METELITSYN, I.I., retsensent, redaktor; MIKHAYLOV, S.M., retsensent; redaktor; OLIVETSKIY, B.A., retsensent, redaktor; PAVLOV, B.A., retsensent, redaktor; PANYUKOV, M.P., retsensent, redaktor; PLAKSIN, I.H., retsensent, redaktor; RAKOV, K.A. retsensent, redaktor; RZHAVINSKIY, V.V., retsensent, redaktor; RINBERG, A.M., retsensent; redaktor; BOGOVIN, N. Ye., retsensent, redaktor; RUDENKO, K.G., retsenment, redaktor; HUTOVSKIY, B.N., [decembed] retsenment, redaktor; RTZHOV, P.A., retsensent, redaktor; SAMDOMIRSKIY, V.B., retsensent, redaktor; SKRAMTAYEV, B.G., retsensent, redaktor; SOKOV, V.S., retsensent, redaktor; SOKOLOV, N.S., retsensent, redaktor; SPIVAKOVSKIY, A.O., retsensent, redaktor; STRAMENTOV, A.Ye., reteensent, redaktor: STRELETSKIY, N.S., retsensent, redaktor; (Continued on next card)

ANDREYEV. A.V., (continued) Card 3.

TRRT'YAKOV, A.P., retsenzent, redaktor; FAYERMAN, Ye.M., retsenzent, redaktor; KHACHATTROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTO-PAL, V.W., retsenzent, redaktor; SHESHKO, Ye.F., retsemzent, redaktor; SHCHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor; PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHGAL'TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor; BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

ANDREY MV. A.V. (continued) Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii slovar'. Nedaktsionnyi sovet; IU.A.Stepanov i dr. Noskva, Gos. isd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

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GIBSHMAN, Yevgeniy Yevgen'yevich, professor; AVRUSHCHENKO, P.A., redaktor; KONYASHINA, A., tekhnicheskiy redaktor

[Gonstruction of wooden bridges in cities] Stroitel'stvo dereviannykh mostov v gorodakh. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 110 p.

(Bridges, Wooden)

(MIRA 9:9)

GIBSHMAN, Yevgeniy Yevgen'yevich, prefesser, dekter tekhnicheskikh nauk;

[Designing steel structures, combined with reinforced concrete, for automobile-read bridges] Procktirovanie stal'nykh kenstrukteii, ob*edinennykh s shelesebetenem, v avtodoreshnykh mestakh. teii, ob*edinennykh isd-ve avtotransp. lit-ry, 1956. 230 p. Moskva, Nauchno-tekhn. isd-ve avtotransp. lit-ry, 1956. 230 p. (Bridges)

GIBSHMAN, Ye, Ye., prof.

Fifth international congress on bridges held in Lisbon, Avt.dor.
19 no.11:30-32 N '56. (MIRA 10:10)

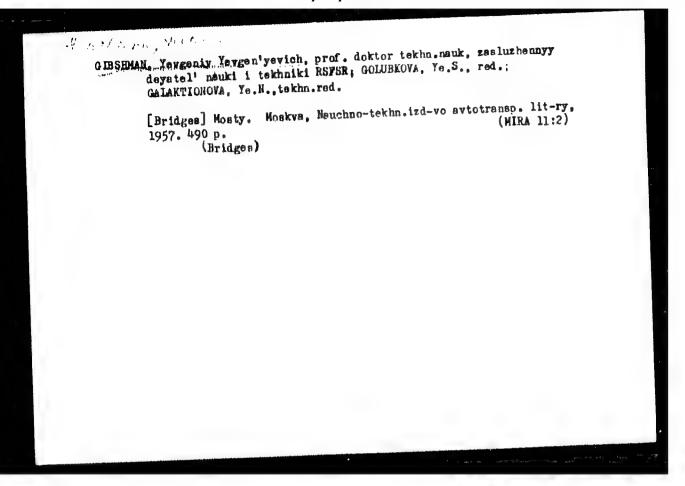
(Lisbon-Bridges-Gengresses)

GIBSHMAN, Tevgeniy Tevgen'yevich, prof., doktor tekhn.nsuk, zasluzhennyy deyete: "nauki T tekhniki RSFSR; GOLUBKOVA, Ye.S., red.; KOGAN, F.L., tekhn.red.

[Fifth International Congress on Bridge and Structural Engineering]
Piatyi Mezhdunarodnyi kongress po mostam i konstruktsiiam. Moskva,
Nauchno-tekhn.izd-vo avtotransp.lit-ry, 1957. 51 p. (MIRA 12:10)
(Bridges) (Building, Iron and steel)

SKOPICH, V.M., kandidat tekhnicheskikh nauk; GIBSHMAH, Ye.Ye., zasluzhennyv deyatel nauki i tekhniki RSFSR, professor, redaktor; GOLUBKOVA, Ye.S., redaktor; GALAKTIONOVA, Ye.H., tekhnicheskiy redaktor

[Highway bridges made of prestressed reinforced concrete] Avtodorozhnye mosty iz napriazhenno-armirovannego betona. Pod red. E.M. Gibshmana. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1957. 311 p.
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GIBSHMAN, Te.Ye., prof.; EHAZAN, I.A., insh.; CHARUYSKIY, A.P., insh.

Highway bridge construction during the years of the Soviet regime.

Highway bridge construction—History)

(Bridge construction—History)

S07/97-58-8-2/13

AUTHOR: Gibshman, Ya. Ye., Doctor of Technical Sciences, Professor

TITLE: Building Pre-cast Pre-stressed Reinforced Concrete Road

Bridges in USSR (Stroitel'styc predvaritel'no napryazhennykh

zhelezobetonnykh avtodorozhnykh mostov v SSSR)

PERIODICAL: Beton i Zhelezobeton 1958, ir 8 pp 286-291 (USSR)

ABSTRACT: The use of pre-cast pre-stressed reinforced concrete for bridge constructions in the USSR commenced in 1948-1949. Figure 1 illustrates the first bridge constructed by this method. Bridges constructed prior to 1948 were mainly of beam constructions, or concrete bridges with post-tensioning using the meinforcing elements system of A.P. Korovkin. Pre-stressed reinforced concrete multi-beam road bridges constructed in the USSR have spans up to 42 m and multi-beam console-type bridges up to 53 m; at the present time, bridges built with the latter construction have spans of 84 m. All these bridges are designed for traffic of vehicles of up to 19.9 or 30 tons and single heavy leads of up to 60 or 80 tons. Figure 2 illustrates standard construction of pre cast bridge spanning 31.96 m. Batch reinforcement consisting of 4 or 5 mm diameter wires is used varying in numbers from 30 - 45 depending on their

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Building Pre-cast Pre-stressed Reinfor ed Concrete Road Bridges in USSR

limit of strength (12 000 - 17 000 kg/cm²). This reinforcement is tendioned by applying a load of 54 tons. A bridge across the River Moskva constructed in 1956. according to the design of Engineer I.A. Stolyarskay, has the largest span (Figure 3). It has four arches and a total length of 180 m. These bridge beams were cast on the site from concrete of 500 kg/mf Figure 4 illustrates details of batch reinforcement used for these beams spanning 42.3 m. Each span is bridged by seven "I"-shaped beams 2 m high weighing 80 tons. Figure 5 illustrates construction of pre-tast bridge trusses consisting of standard sections. Completed pre-dest block of a bridge span is illustrated in Figure 6. It weighs between 5 - 6 bons. It is constructed using coupled metal-form as illustrated in Figure 7. These standard bridge sections could be used for bridges of various widths from 6 - 24.5 m. Plans for bridges of this type were worked out by Engineer Bakit'ko. Construction of pre-cast multi-beam console type bridge from pre-stressed reinforced concrete is shown in Figure 8. The "crane-frame" is a steel truss construction consisting of two spans which assist during the assembly of these pre-cast bridge units (Figure 9). The following two new

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SEV/9/-58-8-2/13

Building Pre-cast Pre-stressed Reinforced Concrete Road Bridges in USSR

methods were developed: in the first reinforcing elements are situated in open channels which are finally filled with concrete and the second envisages considerable use of stand method of production of bridge beams. In this latter method, the tensioning of reinforcement is carried out before casting of the concrete. The construction with the reinforcement in open channels is used for aquaducts and trestles in Moscow. Figure 10 illustrates such a construction from pre-cast, pre-stressed reinforced concrete 1.25 m high, spanning 22.2 m. These beams weigh 36 tons. The construction of this bridge was designed by Candidate of Technical Sciences M.A. Kalashnikov, who received an award for this in 1956. At present, the stand method of production of bridge units is being developed. These constructions have sizeable batch reinforcement and are fixed by reinforced concrete anchors, type MIIT. The most effective constructions of multispan pre-cast reinforced concrete bridges are those having similar moments. Construction of such a bridge spanning 33 m was designed by Engineer A. Ya. Zhuravlev (Figure 11). Other constructions are designed in such a way that the

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Building Pre-cast Pre-stressed Reinforced Concrete Road Bridges in USSR

lower part is compressed and the top part forms the bracing as, for example, in the design of Engineer V.A. Korobov, as illustrated in Figure 12a, b. Construction of Engineer V.D. Vasil yev (Figure 12v) is similar to that of Professor V.M. Pankratov. Arch bridge elements consisting of individual blocks are illustrated in Figure 12g. There are 12 figures.

Card 4/4

GIBSHHAN, Yevgeniy Yevgen'yevich, prof., doktor tekhn.nauk; POLIVANOV,
N.I., red.; VARGANOVA, A.N., red.ixd-ve; LKLYUKHIN, A.A.,
tekhn.red.

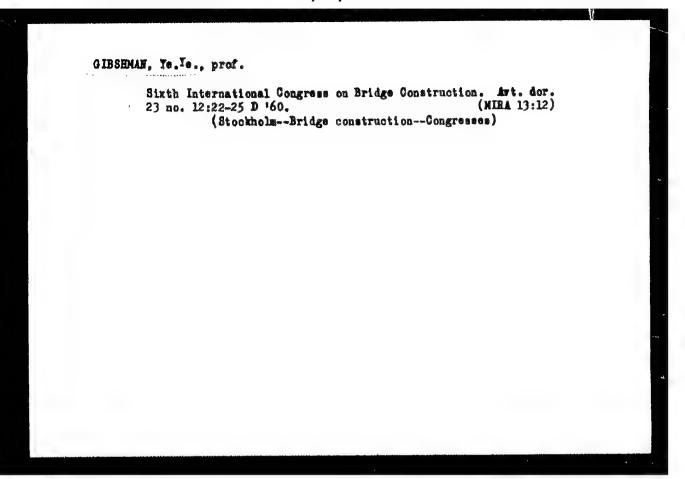
[Urban engineering structures] Gorodskie inzhenernye sooruzheniia. Moskva, Izd-vo M-ve kommun.khoz. RSFSR, 1959. 357 p. (MIRA 12:11) (Civil engineering)

GIBSHMAN, Te.Ye., prof.

Technical and economic trends in bridge construction. Avt.dor.
22 no.2:6-9 F '59. (MIRA 12:2)

(Bridge Construction)

Rubber shock absorbers for bridges. Avt.dor. 23 no.11:23-24 N'60. (Bridges, Concrete)



GIBSHMAN, Yevgeniy Yevgeniyevich, prof., doktor tekhn. nauk, zasluzhennyy deyatel' nauki i tekhniki RSFSR; GOLUBKOVA, Ye.S., red.; NIKOLAYEVA, L.N., tekhn. red.

[International Gongress on Bridge and Structural Engineering] VI
Meshdunarodnyi kongress po mostam i konstruktsiiam. Moskva,
Neuchno-tekhn. izd-vo M-va avtomobil*nogo transp. i shosseinykh
dorog RSFSR, 1961. 62 p.

(Bridge construction—Congresses)

GRATSIANSKIY, M.N., kand. tekhn. pauk; KOSTCMAROV, V.M., kand. tekhn. nauk; ALEKSANDROVSKIY, Yu.V., kand. tekhn. nauk; KARAGODIN, V.L., insh.; KARAGODIN, I.L., inzh.; ANUFKIYEV, V.Ye., kand. tekhn. nauk; KURDYUHOV, M.D., inzh.; DZHUNKOVSKIY, N.N., doktor tekhn. nauk, prof.; ABRAMOV, S.K., kand. tekhn. nauk; KEDROV, V.S., kand. tekhn. nauk; GIBSHMAN, Ye.Ye., prof., red.; YECOROV, P.A., inzh., red.; VARGANOVA, A.N., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Fanual for the design, construction and operation of urgan roads, bridges and hydrotechnical structures] Spravochnik po proektirovaniu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red. kol. E.E. Gibshan, N.E.Dzhankovskii, P.A.Egorov. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Hydrotechnical structures] Gidrotekhnicheskie sooruzheniia. Red. toma: N.N.Dzhunkovskii, M.D.Kurdiumov. 1961. 706 p. (MIRA 15:3) (Hydraulics)

GIBSHMAN, Yevgeniy Yevgen'yevich, prof., zasl. deyatel' nauki i tekhniki
RSFSR, doktor tekhn. nauk; KAIMYKOV, Nikolay Yakovlevich, prof.
[deceased]; POLIVANOV, Nikolay Ivanovich, prof.; KIRILLOV, Vyacheslav Sergeyevich, dots.; IL'YASEVICH, S.A., doktor tekhn.
nauk, prof., retsenzent; DEBERDEYEV, B.S., red.; GALAKTIONOVA,
Ye.N., tekhn. red.

[Bridges and other road structures] Mosty i sooruzhenia na dorogakh; obshchii kurs. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transp.i shosseinykh dorog RSFSR, 1961. 813 p. (MIRA 14:12)

(Road construction)

ROSSIYSKIY, Vladimir Alekseyevich, prof.; NAZARENKO, Boris Pavlovich, kand. tekhn. namk; SLOVINSKIY, Nikolay Aleksandrovich, kand. tekhn. namk; GIBSHMAN, Ye.Ye., prof., doktor tekhn. namk, retsenzent; KAIMYKOV, N.Ya., doktor tekhn. namk, prof., retsenzent[deceased]; POLIVANOV, N.I., prof., doktor tekhn. namk, retsenzent; KIRILLOV, V.S., kand. tekhn. namk, retsenzent; BASOV, S.Ye., inzh., retsenzent; PANKRATOV, V.M., inzh., red.; GANYUSHIN, A.I., red.izd-va; BODANOVA, A.P., tekhn. red.

[Examples of the design of precast reinforced concrete bridges] Primery proektirovaniia sbornykh zhelezobetonnykh mostov. Moskva, Avtotransizdat, 1962. 494 p. (MIRA 16:2)

1. Clavnyy spetsialist po mostam Khar'kovskogo otdeleniya Gosudarstvennogo proyektnogo instituta po promyshlennomu transportu (for Basov).

(Bridges, Concrete-Design and construction)

GIBSHMAN, Yeare, doktor tekhninauk; KALASHNIKOV, N.A., kand.tekhn.nauk; SERFGIN, I.N., insh.

Make wider use of composite beams in the spans of road bridges. Transp.stroi. 12 no.7:49-51 J1 62. (MIRA 16:2) (Beams and girders) (Bridge construction)

ULITSKIY, Boris Yefimovich, doktor tekhn. nauk; GIBSHMAN, Ye.Ye, doktor tekhn. nauk, prof., sael. deyatel nauki i tekhniki RSFSR, retsenzent; GOLUBROVA, Ye.S., red.; BODANGVA, A.P., tekhn. red.

[Three-dimensional calculation of coreless bridge spans]
Prostranktvennyi raschet bezdiafragmennykh proletnykh stroenii mostov. Moskva, Avtotransizdat, 1963. 204 p.
(MIRA 16:7)

(Bridges--Design and construction)

GIBSHMAN, Yevgeniy Yevgen'yevich, insh.; GIBSHMAN, Mikhail
Ybvgen'yevich, dota.; DRUGANOVA, A.B., insh., retsemment;
GOLUHKOVA, Ye.S., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Theory and calculations of prestressed concrete bridges]
Teoriia i raschet predvaritel'no napriashennykh zhelezobetonnykh mostov. Moskva, Avtotransizdat, 1963. 396 p.

(MIRA 16:5)

(Bridges, Concrete-Design and construction)

SOSYANTS, V.G., inzh.; YUDIN, V.A., kand. tekhn.nauk; KNORRE, V.E., inzh.; LANTSHERG, Yu.S., inzh.; DAVIDYANTS, N.M., inzh.; GEZENTSVEY, L.B., kand. tekhn. nauk; YEGOROV, P.A., inzh.; FAYNEERG, E.S., inzh.; BAGDASAROV, S.M., inzh.; GUREVICH, L.V., kand. tekhn. nauk; CHERNYSHOV, B.G., inzh.; GADZHINSKIY, T.G., inzh.; ZASOV, I.A., kand. tekhn.nauk; BALOVNEV, V.I., kand. tekhn.nauk; GIBSHMAN, Ye.Ye., prof., red.; DZHUNKOVSKIY, N.N., prof., red.; BOLOTINA, A.V., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Manual for the design, construction, and maintenance of urban roads, bridges, and hydrotechnical structures]

Spravochnik po proektirovaniiu, stroitelistvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh soruzhenii. Red. kol.E.E.Gibshman, N.N.Dzhunkovskii, P.A.

Egorov. Moskva, Izd-vo M-va kommun.khoz.RSFSR. Vol.3.

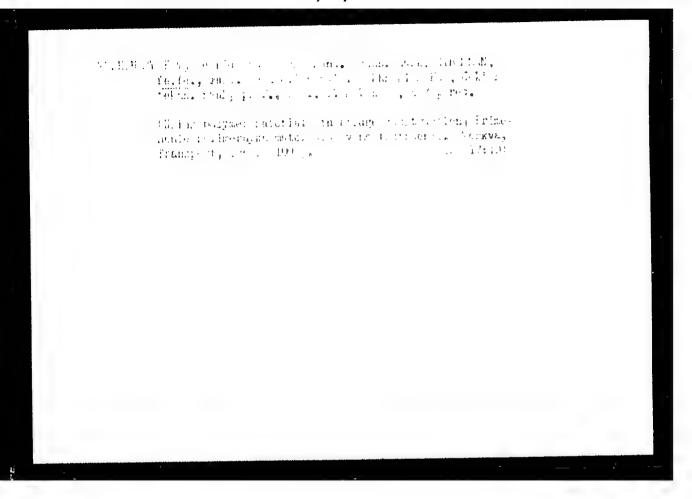
[Roads] Dorogi. 1963. 814 p. (MIRA 16:7) (Roads)

GIRSHMAN, Yevgeniy Yevgen'yevich, prof., doktor tekhn.nauk, zasl. deyatel' nauki i tekhniki RSFSR; GOLUBKOVA, Ye.S., red.; GORYACHKINA, R.A., tekhn. red.

> [New developments in the construction of reinforcedconcrete bridges] Novoe v stroitel'stve zhelezoietonnykh mostov; konferentsiia po zhelezobetonnym mostam v Smolenitse. Moskva, Avtotransizdat, 1963. 49 p. (MIRA 16:10) (Bridges, Concrete)

GILSHMAN, Ye.Ye., prof.; SLOBODCHIKOV, A.Ya., dots.; GRONDA, V.I., red.

[Municipal engineering structures] Gorodskie inzhenernye sooruzheniin. Moskva, Rosvuzizdat, 1963. 72 p. (MIRA 17:6)



GIBSHMAN, Yevgeniy Yovgentyevich, vast, so well relificated by RSFSE, prof., doktor terha. nauk; all states, v.a., prof., retsenzent; RGSSIYSKIT, V.A., prof., retsenzent; GOLDekOVA, Ye.J., red.

[Berign of wooden bridger] Froektirovanie sereviannykh mostov. Porkva, Transport, 1906. 307 j. (1.1.4 18:3)

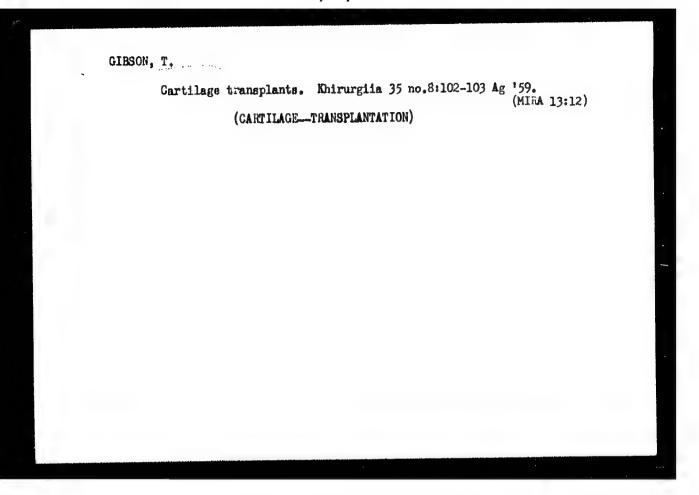
GIBSMAN, E.

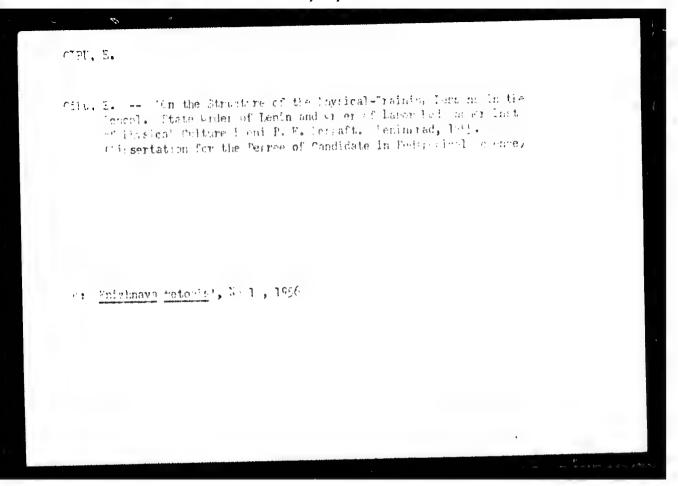
Comparative test results of foreign and domestic types of winter wheat in Yojvodina in 1956/57. P 24

POLIOPRIVREDA. (Drustvo podjoprivrednih inzenjera i technicara Srbije) Beograd, Yugoslavia Vol. 6, no. 4, Apr. 1958

Monthly List of East European Accessions (EEAI) LC. vol. 8, no. 9, Sept. 1959

Uncl.





GIZAMARTONIA

Poland/Chemical Technology - Chemical Products and Their Application. Treatment

of Natural Gases and Petroleum. Motor Fuels.

Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62621

Author: Gicala, Roman

Institution: None

Title: Utilization of Petroleum from One of the Polish Deposits for the

Production of High Grade Oils

Original

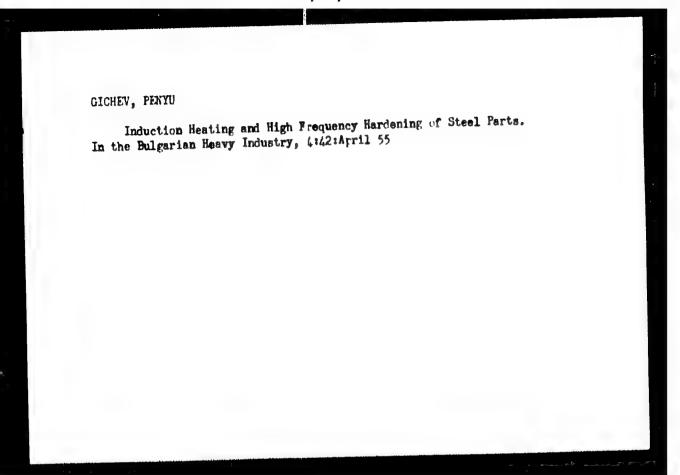
Periodical: Wykorzystanie ropy Wielopole dla produkcji olejow lux, Nafta (Polska),

1956, 12, No 3, 76-78; Polish

Abstract: Technological data on processing of low paraffin petroleum and pro-

duction of lubricating oil of Lux grade.

Card 1/1



GICHEVA, Eva Petrova Sualwa (in caps); Given Names

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Geografiya, No 2, 1961, pp 20-22

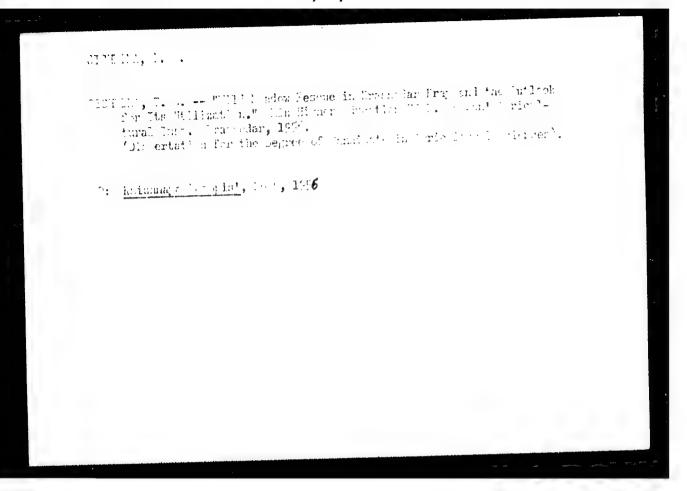
Data: "The Fiji Archipelago -- A Product of Corals and Volcanoes"

LETAVET, A.A.; EYAZAHOV, V.A.; KHOTSTANOV, L.K.; MOROZOV, A.L.; MARTSINKOVSKIY,
B.I.; MITEREY, G.A.; IVANOV, V.A.; IZRAEL'SON, Z.I.; ORLOV, N.I.; CHERKINSKIY, S.M.; BERYUSHOV, K.G.; KIBAR'GRICH, I.A.; TARASERIO, N.TU.; DRAGICHINA, IG.A.; VORONTSOVA, Ve.I.; SANIMA, Yu.P.; KREMNEVA, S.N.; KULAGINK, M.K.; SHAFRANOVA, A.S.; TIKHATA, N.G.; MOLOKANOV, K.P.; RAZUMOV, N.P.;
KURLYANDSKAYA, E.B.; KHALIZOVA, O.D.

In memory of Professor N.S.Pravdin. Gig.i san. no.4:61 Ap '54.

(MLRA 7:4)

(Pravdin, Nikolai Sergesvich,



L 22175-66 ENT(1)/FHI/FES-2/ENT(1)/REG(k)-2/ENK(1)/T-2 WE ACC NR AP6007801 SOVER CE CODE: 112/0256/6

SOURCE CODE: UR/0256/66/000/002/0043/0047

AUTHOR: Gichko, G. A. (Colonel)

ORG: none

55

TITLE: Tracking a large number of targets

SOURCE: Vestnik protivovzdushnoy oborony, no. 2, 1966, 43-47

TOPIC TAGS: radar, personnel training, radar operator training, target tracking, antiaircraft defense

ABSTRACT: This article discusses improved training techniques for use in radar target-tracking stations. The techniques are designed to improve and evaluate operators and station personnel in the acquisition and tracking of a large number of targets at all altitudes and in the presence of radio interference. The need to develop teams of operators, plotters, computers, etc., whose capabilities in their fields are of a comparable level, is stressed. Outlines for following and evaluating traines progress are discussed along with shortcomings in other training and operational procedures. More use of training films, simulators, and other training aids is suggested. Orig. art. has: 2 figures.

Ceird 1/1 BV

SUB CODE: 17/ SUBN DATE: none

Leonid Petrovich Khersonakii. 30th anniversary of the medical, scientific and public activity. Vest.oto-rin 17 no.4:82
J1-Ag '55.
(BIOGRAPHIKS,
Khersonakii, Leonid P.)

Work practices of Mine Ne.76/75 for the improvement of technical and economic indices. Ugol' 36 no.6:11-13 Je '61.

1. Nachal'nik shakhty No.76/75 kombinata Kizelugol' (Permskiy sovnarkhos).

(Kizel Basin—Coal mines and mining)

SIDOROV, I.N.; KUKLIN, I.S.; KHRUSHCHEV, G.N.; SHTUKATUROV, K.M.; ROZOV, B.V.; BUDKOV, V.Ye.; VANYUSHIN, N.M.; GICHKO, V.A.; SUMIN, A.A.

Hydraulic breaking of hards in the Kizel Basin coal mines. Ugol* 37 no.3:16-18 Mr *62. (MIRA 15:2)

1. Gornogeologicheskiy institut Ural*skogo filiala AN SSSR (for Sidorov, Kuklin, Khurshchev, Shtukaturov). 2. Kombinat Kizelugol* (for Rozov, Budkov, Vanyushin, Gichko, Sumin).

(Kizel Basin--Hydraulic mining)

GIGHTER, Tomas

SURNAME. Given Names

Czechoslovakia Country

Academic Degrees: not given

Affiliation: Biologic Institute, Czecho slovak Academy of Sciences

Sources

(Biologicky ustav CSAV, Prague.)
Prague, Piologia Plantarum, Vol 3, No 4, 1961; pp3o5-311

Datas

The Activity of Trypsin-Inhibitor in Seeds of some Varieties and Species of Soyabeans and correlation between the activity of Trypsin Inhibitor and content of oil"

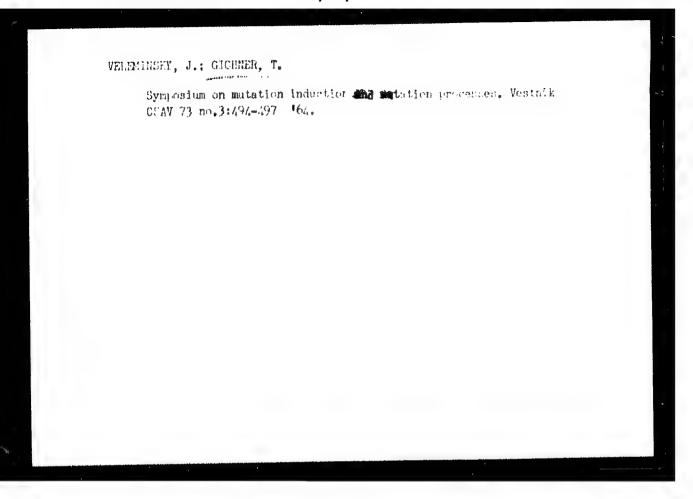
(CSAV: Ceskoslovenska Akademie Ved)

GFO 98164)

VELEMINSKY, Jiri; GICHNER, Tomas

Cytological and genetic effects of the insecticide System on the Vicia faba L; and Arabidopsis thaliana L. (Heynh). Biologia plantarum 5 no.1:41-52 63.

1. Institute of Experimental Botany, Czechhoslovak Academy of Sciences, Praha - Dejvice, Na cvicisti 2.



GIDAI, L.

"Lithogenetic and paleogeographic examination of the sea Middle Eccens sediments west and southwest of Cluj" by N. Meszaros. Reviewed by L. Gidai. Foldt kozl 93 no.1:141 Ja-Mr '63.

GIUNNOVIC, S.

Norms achieved during the construction of the Zvornik Hydroelectric Station. p. 21. (Izgradnja, Vol. 11, Mb. 1, Jan. 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (ERAL) Lc. Vel. 6, No. 8, Aug 1957, Uncl.

GIDAL', G.; PUZYR', V.

Striving for over-all mechanization. Mor. flot 22 no.2:17 F 162. (MIRA 15:4)

1. Predsedatel' pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva vodnogo transporta (for Gidal'). 2. Zamestitel' predsedatelya pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva vodnogo transporta (for Puz/r').

(Harbors--Equipment and supplies)

GIDAL', Grigoriy Mikhayrovich; ZAREZIN, I..., red.

[Effective use of mooring structures during reconstruction] Effektivnoe ispol'zovanie prichal'nykh sooruzhenii pri rekonstruktsii. Eoskva, Transport, 1964. 111 p.

(El A 18:1)

JELLINEK, Harry, dr.; TABAK, Peter; GIDAL , Julia

Diagnostic problems in tuberculosis in aged patients. Tuberkulosis 13 no.4:104-106 Ap '60.

1. A Budapesti Orvostudomanyi Egyetem II. az. Korbonctani Intezetenek (igazgato: Haranghy, Iaszlo,dr.) es a Kallai, Eva utcai Kisegito, Korhaz (igazgato: Kemenes, Janos, dr.) prosecturajanak kozlemenye.

(TUBERCULOSIS PULMONAHY in old age.)

PAVLOVSKIY, Ye.N., akademik, glav. red.; KOZHIN, N.I., prof., red.; PIROZHNIKOV, P.L., kand. biol. nauk, red.; ISAYEV, A.I., red.; REZNICHENKO, O.G., red.; GIDALEVICH, A.M., red.izd-va; MAKUNI, Ye.V., tekhn.red.

[Fishing industry of inland bodies of water of the U.S.S.R.] Rybnoe khoziaistvo vnutrennikh vodoemov SSSR; osnovnye doklady. Moskva, Izd-vo AN SSSR, 1963. 227 p. (MIRA 16:12)

1. Vsesoyunnoye soveshchaniye po biologicheskim osnovam rybnogo khozyaystva na vnutrennikh vodoyemakh SSSR. 2. Gosudarstvennyy nauchno-issledovatel skiy institut ozernogo i rechnogo rybnogo khozyaystva, Leningrad (for Pirozhnikov).

SHAPOSHNIKOVA, Gayana Khristoforovna; ZHADIN, V.I., prof., otv. red.

GIDALRUCH,A.M., red,

[Biology and distribution of fishes in rivers of the Ural
River type] Biologita i raspredelenie ryb v rekakh Ural'skogo
tipa. Moskwa, Nauka, 1964. 174 p. (MIRA 17:11)

AUTHOR: Gidalevich, B A 357/132-58-12-13/14

TITLE.

Our Remarks (Nashi zamechaniya:

PERIODI CAL-

Fazvedka i okhrana nedr, 1958, Nr 12, p 57 (USSR)

ABSTRACT:

This is an answer to an article published in Nr 3 (1957) by A.F. Charkin on the classification of reserves of brick and

tile clays.

ASSOCIATION: Yuzhnaya meologorazvedochnaya ekspeditsiya (The South Geo-

logical and Prospecting Expedition).

Card 1/1

AREN ZOV, Yu.N.; ARENIZOV, L.S.; GIDALEVICH, B.A.; POFOV, L.S., red.; NATSIK, F.T., red.; YAITSKIY, G.G., red.; KOLENDANT, K.P., red.

[Building materials of Kherson Frovince; mineral raw raterial base] Stroitel'nye materialy Khersonskoi oblasti; mineral'no-syr'evaia baza. Kiev, Gosstroiiziat USS., 1964. 102 p. (ELA 17:0)

1. Dneprogeologiya, trust.

GIDALEVICH, M.G., DUL'NEVA, I.P.; ZASLAVSKIY, A.S.; UL'YANKIN, M.G.

Removal of water from washed grapes during the manufacture of juice. Kons. i ov. prom. 14 no.6:5-7 Je '59.

(MIRA 12:8)

1.Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

(Grape juice)

POPOVSKIY, V.G.; GIDALEVICH, M.G.; DUL'NEYA, I.P.

Using new equipment for the manufacture of grape juice.

Kons.i ov.prom. 14 no.12:8-12 D 159. (MIRA 13:3)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

(Grape juice)

POPOVSKIY, V. G.; GIDALEVICH, M. G.; DUL'NEVA, I. P.; ZASLAVSKIY, A. S.; Frinimali uchastiye: UL'YANKIN, M. G.; ZELENSKAYA, M. I.; SHCHELOKOVA, I. M.; DANILOV, M. A.; SHVETS, A. T.

Improving the technology of grape juice manufacture. Trudy MNIIPP 1:9-37 '61. (MIRA 16:1)

(Moldavia-Grape juice)

GIDALEVICH, M. G.; DUL'NEVA, I. P.; ZASLAVSKIY, A. S.; UL'YANKIN, M. G.;

Printmali uchastiye: ZELENSKAYA, M. I.; SHCHELOKOVA, I. M.;

DANILOV, M. A.; SHVETS, A. G.

Investigating the efficiency of grape washing. Trudy MNIIPP 1: 39-44 161. (MIRA 16:1)

(Moldavia-Grape juice)

POPOVSKIY, V. G.; GIDALEVICH, M. G.; DUL'NEVA, I. P.; Prinimali uchastiye: ZELENSKAYA, M. I.; SHCHELOKOVA, I. M.

Tartar crystallization during partial freezing of grape juice.
Trudy MNIIPP 1:89-98 '61. (MIRA 16:1)

(Grape juice) (Grystallisation)

GIDALEVICH, M. G.; KOL'CHITSKIY, V. L.

Manufacture of grape juice without aging in tanks and tenliter vessels. Trudy MNIIPP 1:107-113

(MIRA 16:1)

(Grape juice)

UL'YANKIN, M. G.; Prinimali uchastiye: GIDALEVICH, M. G.;
DÜL'NEVA, I. P.; ZASLAVSKIY, A. S.; SHABALINA, N. S.;
CHMILENKO, N. M.; PROKHOROVICH, L. Ie.

Separators for juice manufacture. Trudy MNIPP 1:49-62 '61.

(MIRA 16:1)

(Separators (Machines)) (Fruit juices)

ZASLAVSKIY, A. S.; GIDALEVICH, M. G.

Storage of semiprocessed grape juice in tanks under reduced pressure of carbon dioxide. Trudy MNIIPP 1:99-106 161. (MIRA 16:1)

(Grape juice-Storage)

ZASLAVSKIY, A. S.; GIDALEVICH, M. G.; Prinimali uchastiye: GRISHINA, Ye. M.; TSVETKOVA, L. M.

Use of sorbic acid in the preparation of semiprocessed grape juice. Trudy MNIIPP 1:115-118 161. (MIRA 16:1)

(Grape juice-Preservation)
(Sorbic acid)

EURGARY

Mational Proderic Joliot-Curie Receased Institute of the latter of Julia adjust and Radiation Hygiene (Orscapos "Frederic Joliot-Junie Hubertain) in a Sugaregeszogunyi Mutato Intezet) (director: Waaflakud, Vilmoo, Dr.

"Data on the Mechanism of Leukopenia and Leokocytosis Occurring After Dadiation Therapy."

Bulapost, Maryar Rontgenologia, Vol AV, No 4, Aug 1983, px es 2/2-2/2.

Abstract: [Authors' English summary modified] In rabbits irradiated with 150-000 r, granulopenia of short duration proceded the granulopenia, produces granulopenia and thrombopenia in normal animals. This is followed by granulopenia. It is the opinion of the authors that the substance, traceable in the plasma after irradiation and influencing the number of circulating granulopetes and thrombocytes, is not a toxin (leukotoxin), but a substance which also develops under the effect of physiological stimuli. 1 Eungarian, 15 Western references.

1/1

ZASLAVSKIY, A.S.; GIDALEVICH, M.G.

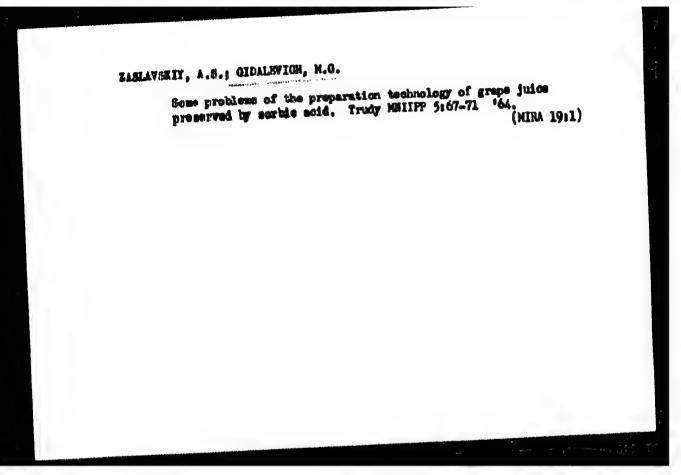
Technology of the manufacture of grape juice preserved with sorbid acid. Kons. i ov. prom. 19 no.1-14-16 Ja *64.

(MIRA 17:2)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

GIDALEWICE, M.G.; ZELENSKAYA, M.I.

Production of clarified grape juice by the simplified technology with the use of refrigeration. Trudy MNIIPP 5:32-36 *64. (SIBA 19:1)



ACC NRI AR6033092 SOURCE CODE: UR/0269/66/000/007/0035/0035

AUTHOR: Gidalevch, Ye. Ya.

TITLE: Automatic-modeling problem concerning shock-wave propagation in a

gaseous-dust medium

SOURCE: Ref. zh. Astronomiya, Abs. 7.51,237

REF SOURCE: Tr. Astrofis. in-ta. AN KasSSR, v. 7, 1966, 12-15

TOPIC TAGS: shock wave propagation, shock wave, gaseous dust medium

ABSTRACT: The problem of shock-wave propagation is solved under the assumption

of a variation in gas density

where k > 0 for dust-grain vaporization and k < 0 for dust-grain growth. This condition makes the problem self modeling. Some properties of the obtained solution are discussed. [Translation of abstract]

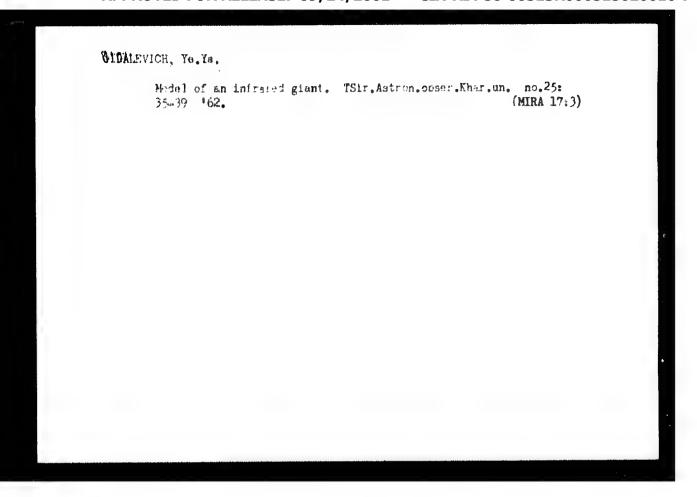
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UDC: 523, 161

ACC NRI ADSOIDE		4.
ACC NRI AP60196	90 SOURCE CODE: UR/0033/66/043/00	03/0553/0556
AUTHOR: Gidaley	Ch. VB. Ka.	,
	of Astrophysics, Academy of Sciences Kazakh SSR (Astrofisi	cheskiy
in-t Akademii nav	ult Kasselr)	22
TITIE: Propagat	ion of shock waves in gas-dust medium. 2	2
SOURCE: Astrono	micheskiy shurnel, v. 43, no. 3, 1966, 553-556	D
MORTO MAGO.		
I TUPLU TAUSE RNO		
	ok wave, gas dynamics, cosmic dust, temperature distributi	on
ABSTRACT: The di	ynamics of a dust-laden gas stream in a stationary shock w	rave is
ABSTRACT: The distribution of two given in one dime	ynamics of a dust-laden gas stream in a stationary shock wo cases: P = const and P = Pc2. The governing flow equations are obtained for t	rave is
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ABSTRACT: The distribution of two given in one dimedust velocities	ynamics of a dust-laden gas stream in a stationary shock we cases: $P = \text{const}$ and $P = P c^2$. The governing flow equation ension, and the following two equations are obtained for that an infinite distance from the shock front $\frac{\Pi - P}{I_1 + I_2}$ $v_m = u_m = \frac{\Pi - P}{I_1 + I_2}$ $v_m = u_m = \frac{\Pi - [\Pi^2 - 4I_1(I_1 + I_2)c^2]^{t_1}}{2(I_1 + I_2)}$	rave is

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е :	nd 8 ar	e the ga	a and dust densities, respectively, and $II = I_1 u + I_2 v + P_1$;		
Dar	ticles.	It is sh	alized to the case of growing and decaying motion own that the terminal velocity of the dust is the 11 as on particle decay and is given by	of dust same in the	
		-	$v_{\infty} = \frac{1}{2I} [\Pi - (\Pi^2 - 4c^2I^2)^4].$		
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The	enthor e lusting t	rereses	gratitude to S. A. Kaplan for formulating the pate. Orig. art. has: 18 equations and 2 figures.	LODZON GMIS	
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L 6348-66 EWT(1)/FCC/EWA(h) GW ACC NR: AP5025814

SOURCE CODE: UR/0033/65/042/005/0932/0938

AUTHOR: Gidalewich, Ye. Ya.

ORG: Astrophysical Institute, Academy of Sciences KazSSR (Astrofizicheskiy institut Akademii nauk KazSSR)

TITLE: Propagation of shock and ionization fronts in a gas-dust medium

SOURCE: Astronomicheskiy zhurnal, v. 42, no. 5, 1965, 932-938

TOPIC TAGS: shock wave analysis, cosmic dust, nebula, ionizing shock wave, space-

ABSTRACT: The physical picture of the concentration of dust behind the shock wave front is quite clear. Since the velocity of a dust particle increases with time the velocity of a dust particle trapped earlier by the wave front diways will exceed the velocity of successive dust particles so that the first dust particle always will overtake the later ones. The dust concentration increases exponentially with increasing distance from the wave front; this fact may be important in the theory of propagation of ionization fronts. The dust concentration in front of the ioni-

Card 1/2

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zation front is considerably greater than behind it. As the frong propagates in such a medium the dust is also effected by the pressure gradient in the ionization front and the radiation pressure behind the front. At the ionization discontinuity there is a considerable temperature gradient. This situation may impart an additional accularation to the dust perticle further increasing the dust concentration in the shock wave. only radiation with a frequency less than the limits of the Belier series penetrates beyond the ionization front. When a dust particle passes through the ionization front the latter is subjected to the effects of short-wave radiation which leads to an increase in the dust concentration in front of the ionization front. It is shown that during the propagation of D-type ionization fronts the dust particles of virtually all sizes remain in front of the ionization front, i. e., there is a "sweeping" of dust by the ionisation front. This leads to a great increase of the dust concentration in the region behind the shock wave front. It is also shown that behind the shock front the dust is dissociated under the influence of fast atoms. "I express appreciation to S. A. Kaplan and D. A. Rozhkovskiy for valuable discussion". Orig. art. has: 24 formulas.

SUB CODE:

SUBM DATE: 06Jan65/

OTH REF: 006 ORIG REF: 005/

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ABSTRACT: The dynamics of dust particles in a shock wave preceding a D-type ionizational discontinuity are discussed. It is assumed the dust particles before the ionizational discontinuity are discussed. It is assumed the dust particles before the ionizational discontinuity are discussed. It is assumed the dust particles before the ionizational discontinuity are discussed. It is assumed the wave front these "embryos" shock wave front exist as "embryos" with zero mass. At the wave front these "embryos" shock wave a velocity equal to the gas velocity in the shock wave. Further relative acquire a velocity equal to the gas adsorption onto the dust and related changes motion of the gas and dust is in pressure. The method of automodel motions was used since the adopted law of dust in dimensional functions. The velocity and density distribution of the gas and dust in dimensional functions. The velocity and density distribution of the gas and dust in a shock wave was calculated by numerical integration of the system of equations of a shock wave was calculated by numerical integration of the system of equations of a shock wave was calculated by numerical integration of the system of equations of a shock wave was calculated by numerical integration of the system of equations of a shock wave was calculated by numerical integration of the system of equations of	
SOURCE: Astronomichaskly shurnal, v. 43, no. 5, 1966, 1018-1024	
ORG: Astrophysical Institute, Academy of Sciences Kazakh SSR (Astrofizicheskiy institut, Akademii nauk Kazakhskoy SSR) TITLE: Propagation of ionizational discontinuities in a gasdust medium. III	
AUTHOR: Gidalevich, Ye. Ya.	
ACC NR: A75035168 SOUNCE CODE: UR/0035/66/043/665/1018/1024	

the shock wave with parameters in the re- shown to depend on t	ionizational discontinuity egion between the wave front the propagation time of the	dust density. The conjugate poi was found. The distribution of and the ionizational discontinu shock wave. "The author thanks	all the ity was
Maplan for constant and 1 figure.	attention to this work. B 0	rig. art. has: 17 equations, 1	table ,
SUB CODD: 03/ SUB	M DATE: 05Nov65/ ORIG REF:	007/ OTH REF: 004	;
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SOLTI, F., dr.; RACZ, P., dr.; KONYAR, E., dr.; GIDALI, J.

Cardiac rupture and tamponade following fatty infiltration of the heart. Orv. hetil. 103 no.32:1520-1521 12 Ag '62.

1. A Budapesti Orvostudomanyi Egyetem I. &s. Korbonctani Intezete.
(HEART DISEASES case reports)

L 18799-63 EWT(1)/EWT(m)/BDS/ES(j) AMD/AFFTC/ASD AR/K
ACCESSION NR: AP3005988 H/0021/63/000/004/0232/0239

AUTHOR: Gidali, Julia (Dr.); Feber, Ture (Dr.); Osgyani, Julia (Technical assistant)

TITLE: Data on the mechanism of leucopenia and leucocytosis occurring after irradiation |Q|

SOURCE: Magyar radiologia, no. 4, 1963, 232-239

TOPIC TAGS: granulocytosis, granulopenia, leucopenia, thromboeyte count, irradiation

ABSTRACT: The study was undertaken to determine whether any toxins or humoral agents can be identified in the period immediately following irradiation which exert an influence on the number of circulating leucocytes and thromobocytes. To this end 76 rabbits were irradiated by means of a Medicor TEX-250 source with 150 and 600 r. It was found that the granulocytosis is preceded by a significant granulopenia of short duration, beginning 5-15 minutes after irradiation; with 150 r granulocytosis starts one hour after irradiation, with 600 r after two hours. The change of granulocyte- and thromobocyte count is shown on Figs. la

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ACCESSION NR: AP3005988

and ic of Enclosure 1. The animals were bled to death at the lowest point of the granulopenia (about ten minutes after irradiation), and the plasma was injected into normal animals, causing an immediate significant granulopenia of short duration followed by granulocytosis lasting several hours. The same plasma produces thrombopenia of several hours' duration. All the aforementioned effects may be brought about by the administration of a 0.1% starch solution. As a result of these findings the hypothesis is put forward that the leucopeniogenic agent present in the plasma after irradiation is not a toxin but a substance which forms also as a result of various physiological stimuli. Orig. art. has: 4 figures and 3 tables.

ASSOCIATION: Orszagos "Frederic Joliot-Curie" Sugarbiologiai es Sugaregeszsegugyi Kutato Intezet (National "Frederic Joliot-Curie" Institute of Radiation

Biology and Rediation Public Health)

SUBMITTED: 00

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ENCL: 01

SUB CODE: AM

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OTHER: 019

Card 2/

SOLTI, F.; RACZ, P.; KOMYAR, Eva; GIDALI, Julia

Cardiac rupture and tamponade caused by frtty infiltration of the heart. Acta morph. acad. sci. Hung. 12 no.4:447-452 64

1. Medizinische Klinik (Direktor: Prof. Dr. I. Rusmyak) und II. Institut für Pathologische Anatomis (Direktor: Prof. Dr. L. Haranghy) der Medizinischen Universitat, Budapest.

GADASPOV. Yu. F.

BUKHMAN, Yakov Zakharovich; GIDASPOV Yuriy Fedorovich; SAZHIE, D.I., redaktor; LUCHKO, Yu.V., redaktor izdatel stva; KOVALEHKO, N.I., tekhnicheskiy redaktor

[Ventilation, lighting, and safety engineering in ore mines; a manual for schools and courses for specialists] Provetrivanie, osveshchenie i gornospasatel nos delo na metallicheskikh rudnikakh; uchebnoe posobie dlia shkol i kursov masterov. Sverdlovsk, Gos. nauchno-tekhn. isd-volit-ry po chernoi i tavetnoi metallurgii, Sverdlovskoe otd-nie, 1956. 260 p. (MIRA 9:12)

(Mine ventilation) (Mine lighting) (Mining engineering--Safety measures)

Localizing the ignition of pyrite in open chambers. Besop. truda v prom. 1 no.7:19-20 Jl '57. (MIRA 10:7)

(Pyrites) (Mine fires)

SAMEDOV, G.D.; GIDAYATOV, D.A.

Materials for studying the parasites eating eggs of Eurygaster integriceps in the Alaxan'-Avtaran Valley of Azerbaijan. Izv. AN Azerb.SSR.Ser.biol.i med.nauk no.4:67-72 '62. (MIRA 15:12) (AZERBAIJAN-EURYGASTERS) (AZERBAIJAN-PARASITES INSECTS)

[Sugs haraful to farm or per in particularly fermal hands kend teserrufuty bitkilerine parent varen jerymsertgamadly-lar (takhtabitiler). Baky, Particular (kid. meshrijjaty, 1966. 42 p. [In Azerbaljani] (takhta).

GIDAYATLI, Z. A.

Mixed planting of varieties of berries. Sad. 1 og. No 4, 1952.

GIDAYATOV, D.

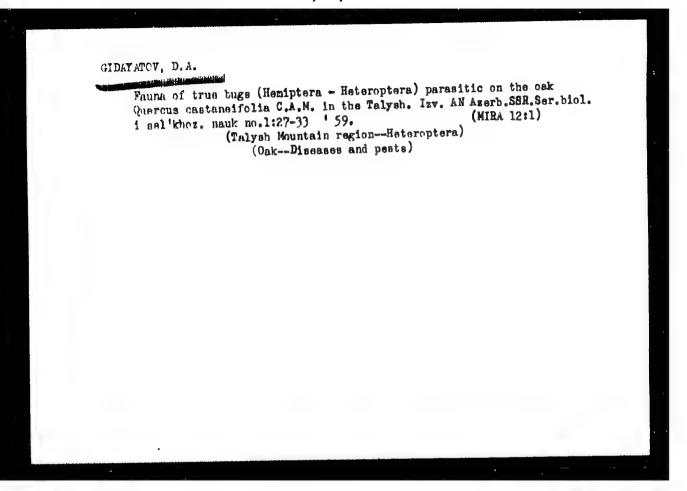
Aelia acuminata (Hemiptera - Heteroptera) in the Talysh Mountain region. Izv. AN Azerb. SSR Ser. biol.i med.nauk no.1:117-124 160. (MIRA 14:5)

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Baku, 1961. 21 pp; (Committee of Higher and Secondary Specialist Education of the Council of Ministers Azerbaydzhan SSR, Academy of Sciences Azerbaydzhan SSR, Inst of Zoology, Azerbaydzhan State Univ imeni S. M. Kirov); 150 copies; free; (KL, 6-61 sup, 206)

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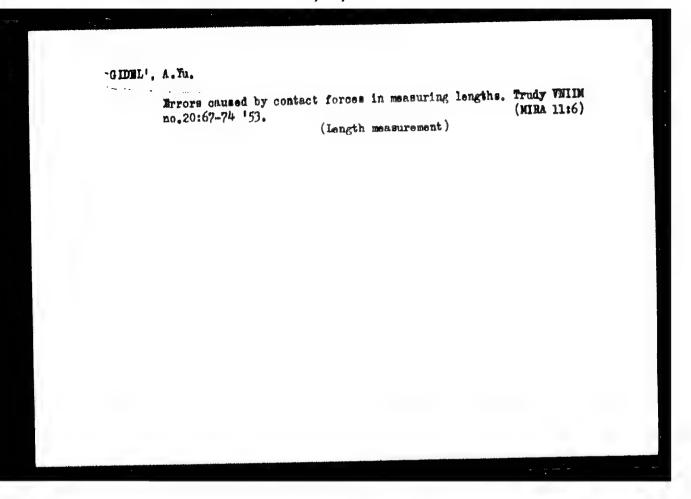
GIDAYATOV, Yu.Kh.

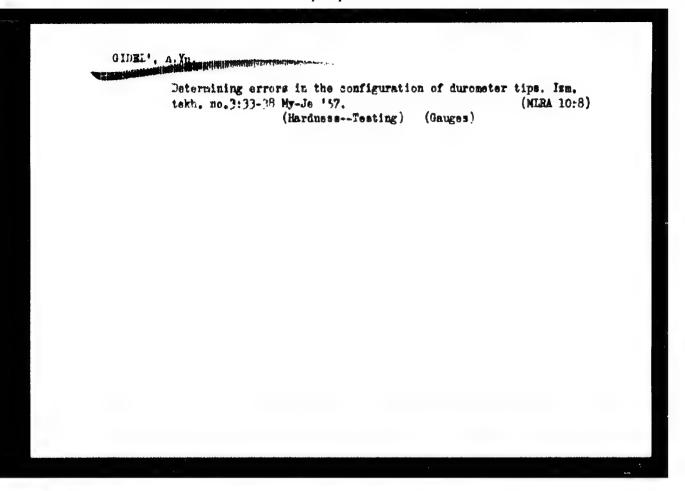
Sensonal abundance of jackals and foxes in the breeding grounds of the Kyzyl-Agach State Preserve, Izv. AN Azerb, SSR, Ser. biol. nauk no.3:74-81 165. (MIRA 18:10)

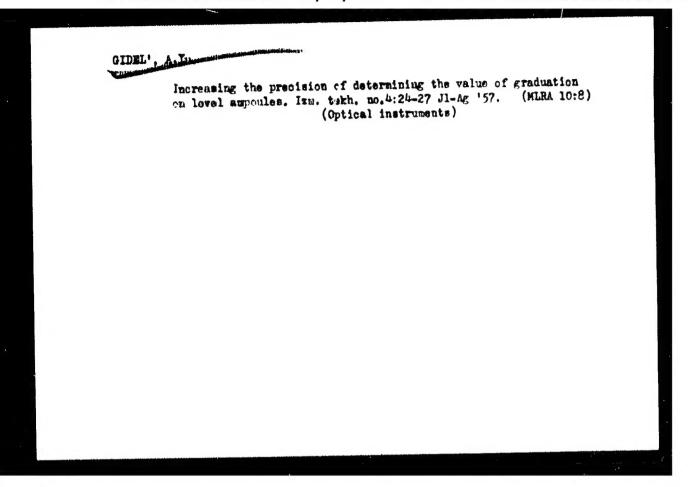
CORBU, M.; POPA, V.; BRAND, L.; DUMITRESCU, L.; DAVIDESCU, C.; COSTRA, A.; GIDRA, G.; BURIAN, E.

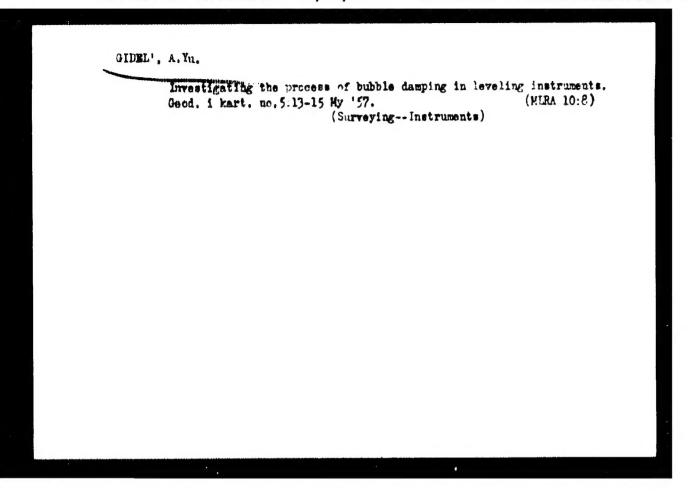
Considerations on bronchial fistula following resections for pulmonary tuberculosis. Rumanian M. Rev. 3 no.4:22-25 0-D 159.

1. Moroeni Sanatorium, Director Dr. C. Iordan.
(TURERCUIOSIS, PULMONARY, surgery)
(BRONCHIAL FISTULA, etiology)









14(8) AUTEOR: Gidel! A. Yu., Candidate of Technical SCV/119-59-1-16/20

Spiences

TITLE:

A New Method of Measuring Small Displacements (Novyy sposob

izmereniya malykh peremeshcheniy)

PERIODICAL:

Priborostroyeniye, 1959, Nr 1, pp 29-29 (USSR)

ABSTRACT:

If a drop of a non-compressible liquid is between two plates moving towards one another at constant volume a relationship is to be observed between the diameter and the forming liquid ring and the thickness of this ring. This principle is applied to a measuring device for which patent Nr 98102 was granted on Nay 31, 1954. The device consists of two plane parallel quartz plates, with the upper plate being fixed. Between the two plates is a mercury drop. The lower quartz plate is mobile in vertical direction under the action of the movement of the head which is in close connection with the object to be measured. The change of the diameter of the mercury ring can be recorded either by a microscope or a projection system. The relation between diameter and thickness was graphically recorded and partly tabulated. A variation in the thickness of the mercury

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A New Method of Measuring Small Displacements

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layer by 1 micron is equal to a variation of the diameter of almost 2 mm. In order to prevent an evaporation of the mercury drop a rubber ring secures a hermetic scaling of the two quartz plates. There are 4 figures and 1 table.

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